

ISO/TC 44/SC 3 MATRIX OF CONSUMABLE CLASSIFICATION STANDARDS

Material Type of consumable	STEEL				MATERIAL				
	Non alloy and fine grain	High strength	Creep resisting	Stainless and heat resisting	Al and alloys	Cu and alloys	Ni and alloys	Cast iron	Ti and alloys
Manual metal arc (Covered electrodes)	ISO 2560 IIW	ISO/DIS 18275	ISO 3580 Revision IIW	ISO 3581	Needed WI 214	Needed	ISO/FDIS 14172	ISO/FDIS 1071	N.A.
	EN 499	EN 757	EN 1599	EN 1600	Cancelled		prEN ISO 14172		
Gas metal arc (Wire electrodes, wires & rods)	ISO 14341	NP N 473 (IIE-377-01)	New WI	ISO 14343	ISO/FDIS 18273	Needed	ISO/FDIS 18274	prEN ISO 1071	ISO/WD 24034
	EN 440								
Tungsten inert gas (Wires, rods & deposits)	ISO 636:1989 Rev ISO/FDIS 636							N.A.	prEN ISO 24034
	EN 1668	EN 12534	EN 12070		prEN ISO 18273	WI 216			
Submerged arc (Wire electrodes, wires & fluxes)	ISO 14171 ISO/FDIS 14174	Needed	Needed		N.A.	N.A.		N.A.	N.A.
	EN 756+760	prEN 18295 (WI 211)	EN 12070	EN 12072			prEN ISO 18274		
Tubular cored electrodes	ISO/FDIS 17632	ISO/FDIS 18276	ISO/FDIS 17634	ISO/FDIS 17633	N.A.	N.A.	N.A.	ISO/FDIS 1071	N.A.
	EN 758	EN 12535	EN 12071	EN 12073					
								prEN ISO 1071	ISO/TC 44/SC 3 – Program of work